

123003

16138 U.S. PTO

FORM PTO-1082
EXPRESS MAIL NO. ER631857982US

PATENT DOCKET NO. 2080-3-213
CUSTOMER NO. 035884

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

On re application of:
Jung Sig Jun
Serial No:
Filed: Herewith
For: CARRIER RECOVERY DEVICE OF DIGITAL TV RECEIVER

Art Unit:
Examiner:

17497 U.S. PTO
10/751251

123003

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith for filing is the patent application identified above.

- ☒ 6 sheet(s) of drawings (☒ formal ☐ informal) is(are) enclosed.
- ☒ 23 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.
- ☒ An assignment of the invention to LG Electronics Inc. ☒ is enclosed ☐ will follow.
- ☒ An associate power of attorney ☒ is enclosed ☐ will follow.
- ☐ Inventor(s) or Assignee(s) is entitled to small entity status under 37 C.F.R. §§ 1.9 & 1.27.
- ☒ Declaration and Power of Attorney ☒ is enclosed ☐ will follow.
- ☒ A certified copy of Korean Patent Application No. 2002-86868 filed on December 30, 2002, from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119 ☐ will follow ☒ is enclosed.
- ☐ IDS enclosed (☐ with references).
- ☐ Preliminary Amendment is enclosed.

| CALCULATION OF FEES | | | | | | | | | |
|---------------------|--|---------------------|-----|-------------------------|---------------------|--|-----------|--------|-------|
| ITEM | | TOTAL NO. OF CLAIMS | | NO. OF CLAIMS OVER BASE | LG/SM \$ ENTITY FEE | | \$ AMOUNT | \$ FEE | |
| A | TOTAL CLAIMS FEE | 15 | -20 | 0 | LG=\$18 SM=\$9 | \$ 18 | \$ 0 | | |
| B | INDEPENDENT CLAIMS FEE* | 3 | -3 | 0 | LG=\$86 SM=\$43 | \$ 86 | \$ 0 | | |
| C | SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B) | | | | | | | \$ 0 | |
| D | MULTIPLE-DEPENDENT CLAIMS FEE | | | | | LARGE ENTITY FEE = \$290 SMALL ENTITY FEE = \$145 | | \$ 0 | |
| E | BASIC FEE | | | | | LARGE ENTITY FEE = \$770 SMALL ENTITY FEE = \$385 | | \$ 770 | |
| F | TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E) | | | | | | | \$ 770 | |
| G | ASSIGNMENT RECORDING FEE | | | | | | | \$ 40 | \$ 40 |
| | *LIST INDEPENDENT CLAIMS [LIST OF INDEPENDENT CLAIMS] | | | | | | | | |

- ☒ A check in the amount of \$ 770 to cover the filing fee is enclosed.
- ☒ A check in the amount of \$ 40 to cover Assignment Recordation fee is enclosed.


- ☒ The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 502290. A copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. § 1.16
- ☒ Any patent application processing fees under 37 C.F.R. § 1.17

Respectfully submitted,

LEE, HONG, DEGERMAN, KANG & SCHMADEKA

Date: December 30, 2003

By: _____


Jonathan Y. Kang
Registration No. 38,199
F. Jason Far-Hadian
Registration No. 42,523
Amit Sheth
Registration No. 50,176
Attorney for Applicant(s)

Customer No. 035884

801 S. Figueroa Street, 14th Floor
Los Angeles, California 90017
Telephone: (213) 623-2221
Facsimile: (213) 623-2211

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RECEIVER

Art Unit:
Examiner: --

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL
"Express Mail" Mailing Label No. ER631857982US
Date of Deposit: December 30, 2003

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- ☒ one copy of a letter of transmittal
- ☒ check in amount of \$ 770 as filing fee
- ☒ patent application (23 page(s) of specification: 15 claim(s); 1 page(s) of abstract
- ☒ 6 sheet(s) of formal drawings
- ☒ An assignment of the invention to LG Electronics Inc. ☒ is enclosed ☐ will follow
- ☒ A check in the amount of \$ 40 to cover Assignment Recordation fee is enclosed.
- ☒ executed Declaration and Power of Attorney ☒ is enclosed ☐ will follow
- ☒ An associate power of attorney ☒ is enclosed ☐ will follow.
- ☒ A certified copy of Korean Patent Application No. 2002-86868 filed on December 30, 2002, from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119 ☐ will follow ☒ is enclosed
- ☐ IDS transmittal
- ☐ PTO-1449 form
- ☒ return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Date: December 30, 2003

Customer No. 035884

LEE, HONG, DEGERMAN, KANG & SCHMADEKA

801 S. Figueroa Street, 14th Floor

Los Angeles, California 90017

Telephone: 213-623-2221

Facsimile: 213-623-2211

Amit Sheth

Name of person mailing papers



Signature